Manhole In	spection Summary	Manhole # S51E016MH
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Inspection	☐ Is Incomplete Rating: 3) Fair	
Record Plat: 51	IE Node: 016 Status: Found	Insp Date: 4/30/09 10:14 AM
Incomplete Cor	nments	Crew: REI
		Inspector: paulfry
		Firm: ATS
Location	Address: 2900 E BALTIMORE ST	Cross Street: N LINWOOD ST
Manhole	Type: Junction Location: Roadway	Ground Conditions: <b>Dry</b>
	☐ Prev. Rehab Weather: <b>Dry</b>	Subject To Ponding: None
Comments TRAFFIC CONTROL LANE SHIFT; USED 16LB MAUL AND SPRAY LUBRICANT TO FORCE OPEN COVER; SINGLE INSIDE DROP WITH A DOUBLE IN.		
Cover	Shape: Circular Diameter: 24	(in.) Length: 0 (in.) Dist A/B Grade: 0 (in.)
	Type: Sanitary Condition: Wo	orn Cover Material: Cast Iron
Properties: Bolted Vented Water Tight Water Tight Insert		
Frame Offset: 2 (in.) Condition: Sound Cracked Leaks		
Chimney / Fra	ıme Adjustment 🗸 Exists Material: Bri	ick Parged Height: <b>3</b> (in.)
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated		
Infiltration:	☐ None ✓ Joint ☐ Cracks ☐ Mort	ar
Corbel	Material: Brick	ged Type: Concentric/Eccentric
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	Loose Brick Deteriorated
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mo	ortar 🗌 Roots 🔲 Wall
Barrel	Material: <b>Brick</b>	ged
Shape:	<b>D-Shape</b> Diameter: <b>48</b> (in.) Le	ngth: <b>44</b> (in.)
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	Loose Brick Deteriorated
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mo	ortar 🗌 Roots 🔲 Wall
Bench	Exists Material: Brick	☐ Parged
Condition:	☐ Sound ☐ Cracked ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☑ Debris
Channel	Material: Brick	ged
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0		
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	□ Deteriorated □ Leaks □ Debris
Steps Count: 5 Missing: 6 Corroded		
Surcharge	Evidence Of Surcharge Depth: 0	(ft.) Active Surcharge Present

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**Location View** 



**INSIDE DROP** 



INVERTED TOP VIEW SHOWING CONNECTIVITY OF 3 AND 9 OCLOCK TO THE INSIDE DROP

Defect 4



CRACKED/CHIPPED FRAME

Top View



Defect 1



Defect 3



**WORN COVER** 

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### Defect 2

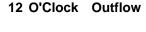


FRAME OFFSET, FRAME INFILTRATION, DETERIORATED CHIMNEY, JOINT INFILTRATION

#### Manhole # S51E 016MH

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# 27 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 27.6 (in.) Rod and Bar (Angled)

Pipe Material: **Unknown** Pipe Lined

Invert Depth: 20.15  $\,$  (ft.) Flow Characteristics: Fast

Deposits: None V Mud V Debris Grease

Silt Depth: 4 (in.) Deposits Extent: **Light**Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 3 OClock



Drop In @ 3 OClock



Drop In for Pipe @ 3 and 9 is the same

Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.40 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ ☐ ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: Inside Rod and Bar

Angled: **Yes** Reading: **16.86** (ft.)

Inv Depth: 17.86 (ft.)

3 O'Clock Inflow

Drop Condition: **Open** 

Connects To: Manhole

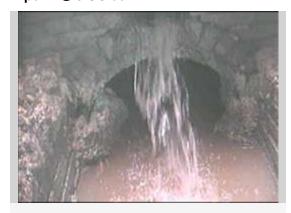
☐ Possible Illicit Connection

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27 in. Circular Gravity Sewer Pipe In @ 6 OClock





Pipe Height: 27.6 (in.) Rod and Bar (Angled)
Pipe Material: Clay Pipe Lined
Invert Depth: 20.10 (ft.) Flow Characteristics: Fast

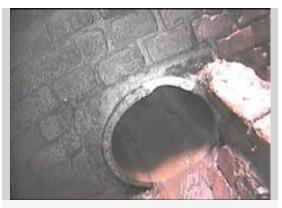
Deposits: ☐ None ✓ Mud ✓ Sludge ☐ Debris ✓ Grease

Silt Depth: **8** (in.) Deposits Extent: **Heavy** Infiltration: **None** Pipe Seal Cond: **Sound** 

Drop: None

Connects To: **Manhole**Possible Illicit Connection

# 10 in. Circular Gravity Sewer Pipe In @ 9 OClock



Pipe Height: 9.6 (in.) Rod and Bar (Angled)

Pipe Material: Clay □ Pipe Lined

Invert Depth: 11.80 (ft.) Flow Characteristics: Slow

Deposits: ☑ None □ Mud □ Sludge □ Debris □ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

# 9 O'Clock Inflow Drop In @ 9 OClock



Drop In for Pipe @ 3 and 9 is the same

Drop: Inside Rod and Bar
Angled: Yes Reading: 16.86 (ft.)

Inv Depth: 17.86 (ft.)

Drop Condition: Open

Connects To: **Manhole**Possible Illicit Connection